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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,573	09/30/2003	Stuart D. Cheshire	APL-P3152	7883

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EXAMINER

ELAMIN, ABDELMONIEM I

ART UNIT	PAPER NUMBER
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2116

DATE MAILED: 02/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/676,573	Applicant(s) CHESHIRE, STUART D.	
	Examiner A Elamin	Art Unit 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-12, 15-21 and 24-27 is/are rejected.
- 7) ☒ Claim(s) 4, 5, 13, 14, 22 and 23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/15/03; 10/27/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 6-12, 15-21, 24-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Cone, US. Pat. No. 5,915,119 (*cited by Applicant*).

3. Claims 1, 10, 19, Cone teaches a method for implementing a sleep proxy [title, abstract], comprising:

receiving a request at the sleep proxy for information pertaining to a service provided by a device [*receiving a management request packet, see col. 4, lines 61-64, col. 5, lines 2-8*];

determining if the device is a member of a list of devices for which the sleep proxy answers [*col. 5, lines 22-27*];

if so, determining if the request is a request for which the sleep proxy can answer and if so, sending a response to the request on behalf of the device [*col. 5, lines 28-32*];.

4. Claims 2, 11, 20, Cone teaches if the request is not a request for which the sleep proxy can answer, the method further comprises sending a wakeup packet to the device, wherein the wakeup packet is a packet that causes the device to exit a power-saving mode [*col. 4, lines 28-44*].

5. Claims 3, 12, 21, Cone teaches prior to receiving the request, the method further comprises: receiving a registration request from the device, wherein the registration request contains: sufficient information to allow the sleep proxy to generate a wakeup packet that can wake up the device, and a list of requests for which the sleep proxy can answer; and adding the device to the list of devices for which the sleep proxy answers [*col. 4, lines 28-54*].

6. Claims 6, 15, 24, Cone teaches receiving a notification from the device that the device is entering a power-saving state; and in response to the notification, configuring the sleep proxy to answer for the device [*inherently, waking up a device necessitates knowledge that the device has entered a power saving mode*].

7. Claims 7, 16, 25, Cone teaches receiving a notification from the device that the device has exited a power-saving state; and in response to the notification, configuring the sleep proxy not to answer for the device [*see Step 369 of Fig. 3C and related disclosure*].

8. Claims 8-9, 17-18, 26-27, Cone teaches implementing a second sleep proxy that duplicates the functionality of the sleep proxy for fault-tolerance purposes [*inherently, fault-tolerance in computer and telecommunications systems is achieved by duplicating a fault-prone unit*].

Allowable Subject Matter

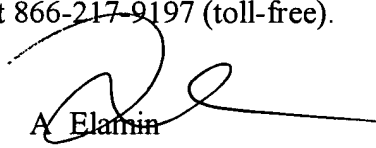
9. Claims 4-5, 13-14, 22-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



A. Elamin
Primary Examiner
Art Unit 2116

February 17, 2006